

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 13822 — Bases for Design Assessment of Existing Structures

ISO Certification Programme



LAPT — London Academy of Professional Training

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Reference BLD-STR-13822 • ISO Building & Construction

UKPRN 10067351 • Registered in England and Wales, company 4984798

3

SUBJECTS

17

CHAPTERS

102

CLASSES

300

TOTAL MARKS

60%

PASS MARK

Lifetime

VALIDITY

AT A GLANCE

REFERENCE	BLD-STR-13822
AWARD	Certificate
ASSESSMENT	300 marks — 180 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1

ISO BLD Foundation

7 chapters · 42 classes 100 marks

• 4 Clause 4: Context of the Organisation — 6 classes

- › Understanding Organisational Context in Structural Assessment
- › Identifying Interested Parties in Existing Structures Design
- › Defining the Scope of ISO 13822 Application
- › Establishing Management System Boundaries for Assessment
- › Assessing External and Internal Factors Affecting Structures
- › Communicating with Stakeholders in Structural Design Evaluation

• 5 Clause 5: Leadership — 6 classes

- › Understanding Leadership Commitment in ISO 13822
- › Establishing Effective Policies for Structural Assessment
- › Defining Roles in Leadership for ISO Compliance
- › Responsibilities of Leadership in Existing Structures
- › Authority and Accountability in Structural Design Assessment
- › Implementing Leadership Strategies for ISO 13822 Success

• 6 Clause 6: Planning — 6 classes

- › Identifying Risks in Existing Structures According to ISO 13822
- › Opportunities for Improvement in Structural Assessment Practices
- › Setting Objectives for Structural Design Assessments
- › Developing Effective Planning Strategies for Risk Management
- › Integrating ISO 13822 Principles into Project Planning
- › Monitoring and Reviewing Objectives in Structural Design Projects

• 7 Clause 7: Support — 6 classes

- › Understanding Resources for Assessing Existing Structures in ISO 13822
- › Competence Requirements for Structural Assessment under ISO 13822
- › Fostering Awareness in Support Assessment within ISO 13822
- › Effective Communication Strategies for ISO 13822 Compliance
- › Documented Information Practices in Structural Support Assessments
- › Role of Documentation in ISO 13822 Support Processes

• 8 Clause 8: Operation — 6 classes

- › Operational Planning in ISO 13822 for Structures
- › Control Measures in Structure Management under ISO 13822
- › Implementing Operational Strategies for Existing Structures
- › Identifying Risks in Operational Frameworks of ISO 13822
- › Best Practices for Operation Compliance in ISO 13822
- › Continuous Improvement in Structure Operation per ISO 13822

• 9 Clause 9: Performance Evaluation — 6 classes

- › Monitoring Techniques for Existing Structures under ISO 13822
- › Measurement Methods for Structural Performance Evaluation
- › Data Analysis Approaches in ISO 13822 Assessments
- › Conducting Internal Audits for Structural Integrity
- › Management Review Processes as per ISO 13822
- › Evaluating Performance Metrics for Existing Structures

• 10 Clause 10: Improvement — 6 classes

- › Understanding Nonconformity in Existing Structures per ISO 13822
- › Identifying Corrective Actions for Structural Nonconformities
- › Strategies for Implementing Corrective Actions in Design Assessments
- › Promoting Continual Improvement in Structural Integrity Assessments
- › Documenting Nonconformities and Actions in Compliance with ISO 13822
- › Evaluating Effectiveness of Improvement Initiatives in Structural Assessments

• CH1 Introduction to ISO 13822 Application in Consulting — 6 classes

- › Understanding ISO 13822 and Its Importance
- › Key Principles of Design Assessment for Structures
- › Overview of the ISO Implementation Process
- › Roles and Responsibilities in Project Implementation
- › Identifying Stakeholders in Existing Structures Assessment
- › Setting Objectives for ISO 13822 Compliance

• CH2 Conducting Gap Analysis for ISO 13822 — 6 classes

- › Defining Assessment Criteria for Gap Analysis
- › Tools and Techniques for Effective Gap Analysis
- › Identifying Existing Compliance Levels
- › Documenting Findings from Gap Analysis
- › Developing an Action Plan for Addressing Gaps
- › Collaborating with Stakeholders on Gap Findings

• CH3 Project Planning for ISO Standards Implementation — 6 classes

- › Creating a Project Plan for ISO 13822
- › Defining Scope, Goals, and Deliverables
- › Resource Allocation and Management Strategies
- › Establishing Timelines for Implementation Phases
- › Risk Management in ISO Project Planning
- › Communication Strategy for Project Progress

• CH4 Documentation and Record Keeping for ISO Compliance — 6 classes

- › Essential Documentation for ISO 13822
- › Creating and Managing Effective Records
- › Templates and Tools for Documentation
- › Ensuring Accessibility and Version Control
- › Training Staff on Documentation Practices
- › Reviewing Documentation for Continuous Improvement

• CH5 Preparation for Internal Audits and Certification Readiness — 6 classes

- › Understanding the Internal Audit Process
- › Preparing Teams for ISO 13822 Audits
- › Creating Audit Checklists and Protocols
- › Addressing Findings from Internal Audits
- › Managing the Certification Process Successfully
- › Conducting a Management Review for ISO Compliance

• CH1 Introduction to ISO 13822 and LAPT — 6 classes

- › Overview of ISO 13822 Standards
- › Understanding Structures in Buildings
- › The Role of LAPT in Structural Consulting
- › ISO 13822 Application in Industry Sectors
- › Bridging ISO Skills with LAPT Certifications
- › The Importance of Design Assessment

• CH2 Consultant Branding and Positioning — 6 classes

- › Building Your Consultant Brand
- › Positioning in the ISO Landscape
- › Marketing Strategies for ISO Consultants
- › Networking within the Building Sector
- › Differentiating Your Consulting Services
- › Creating an Engaging Client Value Proposition

• CH3 LAPT Partner Framework and Integration — 6 classes

- › Understanding the LAPT Partner Framework
- › Synergies between LAPT and ISO Standards
- › Collaboration Techniques for Consultants
- › Developing Effective Partnerships
- › Enhancing Service Offerings through Integration
- › Case Studies in Successful Consulting Partnerships

• CH4 Client Advisory Services in Structural Consulting — 6 classes

- › Consulting Best Practices for Client Engagement
- › Assessing Client Needs and Expectations
- › Providing Value-Added Advisory Services
- › Managing Client Relationships Effectively
- › Communicating Technical Information Clearly
- › Ethical Considerations in Consulting

• CH5 Establishing a Consulting Practice — 6 classes

- › Starting Your Consulting Business
- › Business Planning for ISO Consultants
- › Regulatory Compliance and Legal Considerations
- › Financial Management for Consulting Firms
- › Scaling Your Consulting Practice
- › Long-Term Strategies for Success